**Quiz 4**

1. Ruby Program that prints the Time in different time zones

t=Time.now

puts t.gmtime

puts t.asctime

puts a.localtime

2. Write a program that iterates over an array and builds a new array that is the result of incrementing each value in the original array by a value of 2. You should have two arrays at the end of this program,

The original array and the new array you've created.Print both arrays to the screen using the p method instead of puts.

a=[1,2,3,4]

ax =[]

a.each do |m|

ax<<m+2

end

p a

p ax

3.Ruby program to find the leap year when start and end year are given.

4. Ruby program that takes a numerical value and give the output as Roman number

5. Write a your own ruby program that uses a Queue

array = []

array.add("yes")

array.add("hi")

array.add("satish")

puts array.size

array.push(“ram”)

puts array

puts array.size

6. Write your own ruby program that uses each\_with\_index method to iterate through an array that prints each index and value

A=[“ram”,”syam”,”lucky”]

a.each\_with\_index do |m,n|

puts “#{n+1}.#{m}”

end

7. Ruby Program that prints if duplicates existing in a array

a=[‘x’,’y’,’z’,’x’]

a.detect{|e| a.count(e) >1}

puts a.detect

8. Write a Ruby program that prints pascal triangle

9. Write a Ruby program that prints the length of the common string when two strings are compared.